In general, cost involved to carry out such studies for a city may vary between Rs. 6 crores to Rs. 15 crores depending upon the area under consideration.

(c) Question does not arise.

Natural Hazard Warning Centre

225. SHRI NANDI YELLAIAH: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether Government would assure of locating a Natural Hazard Warning Centre and National Hazard Research Centre at Visakhapatnam, for establishing a Tsunami Warning System in view of the various Departments located in Visakhapatnam, namely, IMD office with a Doppler radar, a regional centre of the National Institute for Oceanography, a major Andhra University with an advanced Meteorology and Oceanography subjects with their advanced research Department and with high mountains to prevent damages to Tsunami Warning Systems; and Eastern Naval Command, Naval Science Laboratories, Oceanological Survey of India; and

(b) if not, the reasons therefor?

THE MINISTER OF STATE OF THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI KAPIL SIBAL): (a) and (b) A proposal to set up an Early Warning System for Tsunami and Storm Surges has recently been approved by Government at the total cost of Rs. 125 crores. A centre would be set up at Indian Centre for Ocean Information Services (INCOIS), Hyderabad on a 24+7 basis. The decision to locate the Tsunami Early Warning Centre at INCOIS, Hyderabad was taken as INCOIS has been developed as an Ocean Services Centre, with a view to make optimal utilization of the in-house facilities created at INCOIS including, Satellite Oceanography/Satellite Communication. INCOIS is the primary agency of the Department of Ocean Development and has been providing services like Potential Fishing Zone advisories and ocean state parameters. Visakhapatnam has been identified as one of the locations for setting up of seismic station for real-time monitoring of eartquakes, as a part of Tsunami Warning System to be deployed in Indian Ocean by India Meteorological Department.